

## EAST Search History

| Ref # | Hits | Search Query                                                                                                                                                                 | DBs                                                                        | Default Operator | Plurals | Time Stamp       |
|-------|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|------------------|---------|------------------|
| L1    | 4    | ((("6766070") or ("6807203"))).PN.                                                                                                                                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR               | OFF     | 2007/10/01 09:15 |
| L2    | 0    | (hub and station and optical and (upstream adj signal) and (dsiturbng adj reflector) and combine and relection and undecode).CLM.                                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR               | ON      | 2007/10/01 09:38 |
| L3    | 0    | ((discrimation adj phase adj margin adj monitor adj circuit) and (clock adj signal) and frequency and (operation adj circuit) and caculating and (time adj constant))>"CLM." | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR               | ON      | 2007/10/01 09:51 |
| L4    | 17   | marutani-masazumi.in.                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR               | ON      | 2007/10/01 10:02 |
| L5    | 0    | (dispersion and monitoring and waveform and distortion and (dispersion adj information) and (reference adj value) and (crossing adj point) and (eye adj patern)). CLM.       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR               | ON      | 2007/10/01 10:05 |
| S1    | 206  | "398"/\$.ccls. and internet and satellite                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/21 15:56 |
| S2    | 0    | "398"/\$.ccls. and internet and satellite and @ad<"1991228"                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/21 14:33 |
| S3    | 42   | "398"/\$.ccls. and internet and satellite and @ad<"19991228"                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/21 14:43 |

## EAST Search History

|    |     |                                                                                                                             |                                                                            |    |    |                  |
|----|-----|-----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S4 | 50  | "398"/115.ccls. and internet                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 14:46 |
| S5 | 206 | "398"/\$.ccls. and internet and satellite                                                                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 15:09 |
| S6 | 672 | "359"/\$7 and internet and satellite                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 15:09 |
| S7 | 8   | ("20010030598"   "20020113203"   "20020158753"   "20030169160"   "5940503"   "6019475"   "6202008"   "6243003").PN.         | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/07/21 15:30 |
| S8 | 1   | ("6766233").URPN.                                                                                                           | USPAT                                                                      | OR | ON | 2007/07/21 15:31 |
| S9 | 10  | ("4614945"   "4830757"   "5056107"   "5239575"   "5448230"   "5473322"   "5553094"   "5617084"   "5687093"   "5874731").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/07/21 15:36 |

# EAST Search History

|         |             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |    |    |                  |
|---------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|----|----|------------------|
| S10     | 264         | ("20010002852"   "20010003846"  <br>"20010005906"   "20010010045"  <br>"20010010095"   "20010013037"  <br>"20010013120"   "20010014882"  <br>"20010016836"   "20010017920"  <br>"20010018742"   "20010018858"  <br>"20010023416"   "20010023417"  <br>"20010023428"   "20010024425"  <br>"20010024566"   "20010025259"  <br>"20010025269"   "20010025316"  <br>"20010027561"   "20010027563"  <br>"20010029491"   "20010029538"  <br>"20010029583"   "20010030660"  <br>"20010031066"   "20010032131"  <br>"20010032132"   "20010032133"  <br>"20010032187"   "20010032312"  <br>"20010034635"   "20010034714"  <br>"20010034883"   "20020057799"  <br>"20020062261"   "20020066025"  <br>"20020073038"   "3373517"  <br>"3376465"   "3848193"   "3941926"<br>  "3983317"   "3993955"  <br>"4094010"   "4155042"   "4332022"<br>  "4368485"   "4476488"  <br>"4536791"   "4559480"   "4575750"<br>  "4595950"   "4654482"  <br>"4716410"   "4734779"   "4734858"<br>  "4761641"   "4789863"  <br>"4797913"   "4809325"   "4812843"<br>  "4829569"   "4847825"  <br>"4862268"   "4908713"   "4949187"<br>  "5046090"   "5051822"  <br>"5073925"   "5107107"   "5121430"<br>  "5123046"   "5133079"  <br>"5182669"   "5191573"   "5214793"<br>  "5233423"   "5235587"  <br>"5251193"   "5257017"   "5260778"<br>  "5274762"   "5283731"  <br>"5297204"   "5311423"   "5319735"<br>  "5355302"   "5365282"  <br>"5373330"   "5414756"   "5418713"<br>  "5420647"   "5420923"  <br>"5428606"   "5438355"   "5465291"<br>  "5469020"   "5469206"  <br>"5473584"   "5486819"   "5495283"<br>  "5497186"   "5497479"  <br>"5508815"   "5512935"   "5513260"<br>  "5530751"   "5532920"  <br>"5543856"   "5557541").PN. OR<br>("5559549"   "5565909"  <br>"5568272"   "5592511"   "5592551"<br>  "5592626"   "5600839"  <br>"5610653"   "5612741"   "5619247"<br>  "5621840"   "5621863"  <br>"5627895"   "5628050"   "5630067"<br>  "5638113"   "5640453"  <br>"5644859"   "5646603"   "5646997"<br>  "5654747"   "5659366"  <br>"5659613"   "5661516"   "5664018" | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON | 2007/07/21 15:56 |
| 10/1/07 | 10:05:58 AM | C:\Documents and Settings\JP\My Documents\EAST (Workspaces)\09732837.wsp<br>"5644859"   "5646603"   "5646997"<br>"5654747"   "5659366"  <br>"5659613"   "5661516"   "5664018"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |    |    | Page 3           |

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|     |      |                                                                                                                                                                                                                                                                                                                                |                                                                            |    |    |                  |
|-----|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|----|------------------|
| S11 | 165  | "398"/\$.ccls. and internet and satellite and fiber                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 21:48 |
| S12 | 1126 | "455"/\$.ccls. and internet and satellite and fiber                                                                                                                                                                                                                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 21:48 |
| S13 | 155  | S12 and @ad<"19991228"                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/21 21:49 |
| S14 | 24   | ("5014265"   "5163046"  <br>"5313454"   "5426635"   "5594490"<br>  "5784358"   "5850517"  <br>"5852721"   "5896558"   "5897622"<br>  "5912883"   "5968129"  <br>"6038216"   "6098108"   "6101189"<br>  "6115384"   "6130880"  <br>"6161141"   "6215776"   "6292839"<br>  "6298041"   "6324582"  <br>"6385175"   "6415329").PN. | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/07/21 22:04 |
| S15 | 44   | ("6415329").URPN.                                                                                                                                                                                                                                                                                                              | USPAT                                                                      | OR | ON | 2007/07/21 22:07 |
| S16 | 13   | ("5151899"   "5410728"  <br>"5452471"   "5610595"   "5736959"<br>  "5740164"   "5796715"  <br>"5959984"   "6067442"   "6097752"<br>  "6134423"   "6215776"  <br>"6415329").PN.                                                                                                                                                 | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON | 2007/07/21 22:18 |
| S17 | 2    | ("6985454").URPN.                                                                                                                                                                                                                                                                                                              | USPAT                                                                      | OR | ON | 2007/07/21 22:57 |
| S18 | 242  | wavelength near assign                                                                                                                                                                                                                                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/01 03:20 |

## EAST Search History

|     |    |                                                                                                             |                                                                            |    |     |                  |
|-----|----|-------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----|-----|------------------|
| S19 | 50 | wavelength near assign with path                                                                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/10/01 03:21 |
| S20 | 1  | ("20020063915").PN.                                                                                         | US-PGPUB;<br>USPAT;<br>USOCR                                               | OR | ON  | 2007/10/01 03:59 |
| S21 | 14 | ((("6529301") or ("6563793") or<br>("5414704") or ("6671256") or<br>("6512745") or ("20020163884")).<br>PN. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT                                | OR | OFF | 2007/10/01 08:47 |